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Head fold: Astacin-proteases; BMP-1; Chick; Dermomyotome; Eye-lens; Dorso-ventral patterning; Embryo; Floor plate; Hensen's node; Lateral plate mesoderm; Metalloendopeptidases; Myotome; Notochord; Neural crest; Neural plate; Neural tube; Optic stalk; Premigratory neural crest; Primitive streak; Somite; Tolloid **91** 415

Heart development: Noggin; BMP2; NKX2.5; GATA genes; Chicken embryo; Gene expression **91** 259

Heart: *Iroquois* gene complex (IRO-C); Homeobox genes; *Mash1*; *achaete-scute* complex; Midbrain; Hindbrain; Spinal cord; Eye; Neural retina; Olfactory epithelium; Respiratory epithelium; Foregut; Brachial arch; Limb **91** 317

Heart: *Nkx*; *tinman*; Pharyngeal endoderm **91** 369

Hemichordates: *Otx*; Vegetal plate; Ciliated band **91** 337

Hensen's node: Astacin-proteases; BMP-1; Chick; Dermomyotome; Eye-lens; Dorsal-ventral patterning; Embryo; Floor plate; Head fold; Lateral plate mesoderm; Metalloendopeptidases; Myotome; Notochord; Neural crest; Neural plate; Neural tube; Optic stalk; Premigratory neural crest; Primitive streak; Somite; Tolloid **91** 415

Hindbrain: *Iroquois* gene complex (IRO-C); Homeobox genes; *Mash1*; *achaete-scute* complex; Midbrain; Spinal cord; Eye; Neural retina; Olfactory epithelium; Respiratory epithelium; Heart; Foregut; Brachial arch; Limb **91** 317

Hindbrain: *Sprouty2*; Chick; mRNA; Midbrain; Isthmus; FGF; Antagonist; Ectoderm; Endoderm; Limb bud; Otic placode; Gut; Myotome; Forebrain; Branchial arch; Retina; Lens **91** 361

Hind-gut: Alkaline phosphatase; Allantois; Cell migration; Filopodia; FM4-64; Germline; Green fluorescent protein; Mouse/murine development; Oct4; Primitive streak; Primordial germ cell; SSEA-1; Time-lapse confocal microscopy **91** 61

Homeobox genes: *Iroquois* gene complex (IRO-C); *Mash1*; *achaete-scute* complex; Midbrain; Hindbrain; Spinal cord; Eye; Neural retina; Olfactory epithelium; Respiratory epithelium; Heart; Foregut; Brachial arch; Limb **91** 317

Homeobox: *Msx1*; *Msx2*; *Mitf*; Class III β -tubulin; Optic vesicle; Retinal pigmented epithelium; Retina; Chick; Mouse; Eye development; Gene expression; Ectopic expression; Transcription factor; Cell culture; β -Galactosidase **91** 175

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Homothorax: *Drosophila*; Extradenticle; PREP1; Nuclear export; HOX; Eye; Antenna **91** 279

Hox gene: Homeotic gene; *Drosophila*; Gene regulation; DNA binding protein; *grainyhead*; *Distal-less*; *extradenticle* **91** 217

HOX: *Drosophila*; Homothorax; Extradenticle; PREP1; Nuclear export; Eye; Antenna **91** 279

hsp70: BAG-1; Rap46; Hsp46; Apoptosis; Steroid hormone action; Cochaperone; bcl-2; Mouse development **91** 355

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Incisor: Notch; Delta; Jagged; Tooth; Dental; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Pattern; Polarity; Rotation; Organogenesis; Morphology; Rodent; Mouse; Signaling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Receptors **91** 379

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iroquois: *spalt*; Vein; *knirps* **91** 31

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Ectoderm; Endoderm; Limb bud; Otic placode; Gut; Myotome; Forebrain; Branchial arch; Retina; Lens **91** 361

Jagged; Notch; Delta; Lunatic fringe; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Rotation; Pattern; Polarity; Organogenesis; Morphology; Rodent; Mouse; Signalling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Boundary; Compartment **91** 399

Jagged; Notch; Delta; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Pattern; Polarity; Rotation; Organogenesis; Morphology; Rodent; Mouse; Signaling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Receptors **91** 379

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Lens; *Sprouty2*; Chick; mRNA; Hindbrain; Midbrain; Isthmus; FGF; Antagonist; Ectoderm; Endoderm; Limb bud; Otic placode; Gut; Myotome; Forebrain; Branchial arch; Retina **91** 361

LIM domain; Regulation; Protein-protein interaction **91** 5

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Limb development; Frizzled-10; Wnt receptor; Wnt; Sonic hedgehog; Epithelial-mesenchymal interaction **91** 375

Limb; *Iroquois* gene complex (IRO-C); Homeobox genes; *Mash1*; *achaete-scute* complex; Midbrain; Hindbrain; Spinal cord; Eye; Neural retina; Olfactory epithelium; Respiratory epithelium; Heart; Foregut; Branchial arch **91** 317

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Male sex determination; DMRT1; *SRY*; Sertoli cells; Genital ridge; Human embryo **91** 323

Mammary gland; Activin; ActR-I; ALK-2; BMP; Branchial arches; Eye; Lens; Invagination; Notochord; Pituitary; Serine/threonine kinase receptor **91** 439

Mandibular segment; *knot*; *collier*; Hypopharyngeal lobe; Cephalic mesoderm; *Drosophila* embryogenesis **91** 209

Mash1; *Iroquois* gene complex (IRO-C); Homeobox genes; *achaete-scute* complex; Midbrain; Hindbrain; Spinal cord; Eye; Neural retina; Olfactory epithelium; Respiratory epithelium; Heart; Foregut; Branchial arch; Limb **91** 317

Mesenchyme; Notch; Delta; Jagged; Lunatic fringe; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Rotation; Pattern; Polarity; Organogenesis; Morphology; Rodent; Mouse; Signalling molecules; Epithelium; Tissue interactions; Cell fate; In situ hybridization; Boundary; Compartment **91** 399

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Metalloendopeptidases; Astacin-proteases; BMP-1; Chick; Dermomyotome; Eye-lens; Dorso-ventral patterning; Embryo; Floor plate; Head fold; Hensen's node; Lateral plate mesoderm; Myotome; Notochord; Neural crest; Neural plate; Neural tube; Optic stalk; Premigratory neural crest; Primitive streak; Somite; Tolloid **91** 415

Midbrain; *Iroquois* gene complex (IRO-C); Homeobox genes; *Mash1*; *achaete-scute* complex; Hindbrain; Spinal cord; Eye; Neural retina; Olfactory epithelium; Respiratory epithelium; Heart; Foregut; Branchial arch; Limb **91** 317

Midbrain; *Sprouty2*; Chick; mRNA; Hindbrain; Isthmus; FGF; Antagonist; Ectoderm; Endoderm; Limb bud; Otic placode; Gut; Myotome; Forebrain; Branchial arch; Retina; Lens **91** 361

Milk; Xenf; Endoderm; *Xenopus*; Embryogenesis; Transcription factor; Sox17; Mixer; Vgl; VegT **91** 81

Mif; *Msx1*; *Msx2*; Class III β -tubulin; Optic vesicle; Retinal pigmented epithelium; Retina; Chick; Mouse; Eye development; Gene expression; Ectopic expression; Homeobox; Transcription factor; Cell culture; β -Galactosidase **91** 175

Mixer; Xenf; Endoderm; *Xenopus*; Embryogenesis; Transcription factor; Sox17; Milk; Vgl; VegT **91** 81

Molar: Notch; Delta; Jagged; Lunatic fringe; Tooth; Dental; Incisor; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Rotation; Pattern; Polarity; Organogenesis; Morphology; Rodent; Mouse; Signalling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Boundary; Compartment **91 399**

Molar: Notch; Delta; Jagged; Tooth; Dental; Incisor; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Pattern; Polarity; Rotation; Organogenesis; Morphology; Rodent; Mouse; Signaling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Receptors **91 379**

Morphology: Notch; Delta; Jagged; Lunatic fringe; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Rotation; Pattern; Polarity; Organogenesis; Rodent; Mouse; Signaling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Boundary; Compartment **91 399**

Morphology: Notch; Delta; Jagged; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Pattern; Polarity; Rotation; Organogenesis; Rodent; Mouse; Signaling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Receptors **91 379**

Mouse development: BAG-1; Rap46; Hap46; Apoptosis; Steroid hormone action; Cochaperone; hsp70; bcl-2 **91 355**

Mouse embryo: Teashirt; Zinc-finger; Limb; Trunk **91 445**

Mouse embryonic development: Mesoderm formation; Embryonic stem cells; Wnt/ β -catenin signaling pathway; Brachyury **91 249**

Mouse fetus: Twist; Fgfr1; Fgfr2; Fgfr3; Craniosynostosis; Skull; Suture; In situ hybridization **91 341**

Mouse/murine development: Alkaline phosphatase; Allantois; Cell migration; Filopodia; FM4-64; Germline; Green fluorescent protein; Hind-gut; Oct4; Primitive streak; Primordial germ cell; SSEA-1; Time-lapse confocal microscopy **91 61**

Mouse: Imprinting; YAC; Transgene; Enhancer; Igf2; H19; L23mrp; TNNT3 **91 365**

Mouse: *Msx1*; *Msx2*; *Mitf*; Class III β -tubulin; Optic vesicle; Retinal pigmented epithelium; Retina; Chick; Eye development; Gene expression; Ectopic expression; Homeobox; Transcription factor; Cell culture; β -Galactosidase **91 175**

Mouse: Notch; Delta; Jagged; Lunatic fringe; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Rotation; Pattern; Polarity; Organogenesis; Morphology; Rodent; Signaling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Boundary; Compartment **91 399**

Mouse: Notch; Delta; Jagged; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Pattern; Polarity; Rotation; Organogenesis; Morphology; Rodent; Signaling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Receptors **91 379**

mRNA: *Sprouty2*; Chick; Hindbrain; Midbrain; Isthmus; FGF; Antagonist; Ectoderm; Endoderm; Limb bud; Otic placode; Gut; Myotome; Forebrain; Branchial arch; Retina; Lens **91 361**

MSX: Homeobox; Ventralization; BMP; Xvent **91 131**

***Msx1*; *Msx2*; *Mitf*:** Class III β -tubulin; Optic vesicle; Retinal pigmented epithelium; Retina; Chick; Mouse; Eye development; Gene expression; Ectopic expression; Homeobox; Transcription factor; Cell culture; β -Galactosidase **91 175**

***Msx2*; *Msx1*; *Mitf*:** Class III β -tubulin; Optic vesicle; Retinal pigmented epithelium; Retina; Chick; Mouse; Eye development; Gene expression; Ectopic expression; Homeobox; Transcription factor; Cell culture; β -Galactosidase **91 175**

Murine embryogenesis: Ets family; *Erg* and *Fli-1* genes; Gene expression **91 331**

***MyoD*:** Glycogen synthase kinase 3; Serine/threonine kinase; Reverse-transcription polymerase chain reaction; Central nervous system; Spinal cord; Somites; Pronephric ducts; Adaxial cells; Paraxial mesoderm; Zebrafish **91 387**

Myotome: Astacin-proteases; BMP-1; Chick; Dermomyotome; Eye-lens; Dorso-ventral patterning; Embryo; Floor plate; Head fold; Hensen's node; Lateral plate mesoderm; Metalloendopeptidases; Notochord; Neural crest; Neural plate; Neural tube; Optic stalk; Premigratory neural crest; Primitive streak; Somite; Tolloid **91 415**

Myotome: *Sprouty2*; Chick; mRNA; Hindbrain; Midbrain; Isthmus; FGF; Antagonist; Ectoderm; Endoderm; Limb bud; Otic placode; Gut; Forebrain; Branchial arch; Retina; Lens **91 361**

Neural crest: Astacin-proteases; BMP-1; Chick; Dermomyotome; Eye-lens; Dorso-ventral patterning; Embryo; Floor plate; Head fold; Hensen's node; Lateral plate mesoderm; Metalloendopeptidases; Myotome; Notochord; Neural plate; Neural tube; Optic stalk; Premigratory neural crest; Primitive streak; Somite; Tolloid **91 415**

Neural crest: *T-box*; *Tbx2*; *Tbx3*; *Tbx4*; *Tbx5*; *Xenopus*; Embryo; Organogenesis; Notochord; Eye; Otic placode; Cement gland; Spinal cord; Limb **91 433**

Neural crest: *Xenopus laevis*; Development; Embryo; Tcf; Groucho; Transcription factors; Repressors; Wnt; CNS; Branchial arches; Eye; Ear vesicle; Cranial ganglia; Cement gland; Somite; Pronephros; Pronephric duct **91 311**

Neural plate: Astacin-proteases; BMP-1; Chick; Dermomyotome; Eye-lens; Dorso-ventral patterning; Embryo; Floor plate; Head fold; Hensen's node; Lateral plate mesoderm; Metalloendopeptidases; Myotome; Notochord; Neural crest; Neural tube; Optic stalk; Premigratory neural crest; Primitive streak; Somite; Tolloid **91 415**

Neural retina: *Iroquois* gene complex (IRO-C); Homeobox genes; *Mash1*; *achaete-scute* complex; Midbrain; Hindbrain; Spinal cord; Eye; Olfactory epithelium; Respiratory epithelium; Heart; Foregut; Branchial arch; Limb **91 317**

Neural tube: Astacin-proteases; BMP-1; Chick; Dermomyotome; Eye-lens; Dorso-ventral patterning; Embryo; Floor plate; Head fold; Hensen's node; Lateral plate mesoderm; Metalloendopeptidases; Myotome; Notochord; Neural crest; Neural plate; Optic stalk; Premigratory neural crest; Primitive streak; Somite; Tolloid **91 415**

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Neuromere: Forebrain; Diencephalon; Prosomere; Longitudinal brain axis; Alar/basal boundary; Floor plate; Roof plate; Alar plate; Basal plate; Two-color whole-mount in situ hybridization **91 105**

Neurotrophic cytokine: Cholinergic; Target; Transmitter phenotype **91 91**

Nieuwkoop center: zebrafish; *dharma*; *bozozok*; Nodal; *squint*; *cyclops*; Spemann organizer **91 293**

Nkx: *tinman*; Heart; Pharyngeal endoderm **91 369**

NKX2.5: Heart development; Noggin; BMP2; GATA genes; Chicken embryo; Gene expression **91 259**

Nodal: zebrafish; *dharma*; *bozozok*; *squint*; *cyclops*; Nieuwkoop center; Spemann organizer **91 293**

Noggin: Heart development; BMP2; NKX2.5; GATA genes; Chicken embryo; Gene expression **91 259**

Notch: Delta; Jagged; Lunatic fringe; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Rotation; Pattern; Polarity; Organogenesis; Morphology; Rodent; Mouse; Signalling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Boundary; Compartment **91 399**

Notch: Delta; Jagged; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Pattern; Polarity; Rotation; Organogenesis; Morphology; Rodent; Mouse; Signaling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Receptors **91 379**

Notochord: Activin; ActR-I; ALK-2; BMP; Branchial arches; Eye; Lens; Invagination; Mammary gland; Pituitary; Serine/threonine kinase receptor **91 439**

Notochord: Astacin-proteases; BMP-1; Chick; Dermomyotome; Eye-lens; Dorso-ventral patterning; Embryo; Floor plate; Head fold; Hensen's node; Lateral plate mesoderm; Metalloendopeptidases; Myotome; Neural crest; Neural plate; Neural tube; Optic stalk; Premigratory neural crest; Primitive streak; Somite; Tolloid **91 415**

Notochord: *T-box*; *Tbx2*; *Tbx3*; *Tbx4*; *Tbx5*; *Xenopus*; Embryo; Organogenesis; Neural crest; Eye; Otic placode; Cement gland; Spinal cord; Limb **91 433**

Nuclear export: *Drosophila*; Homothorax; Extradenticle; PREP1; HOX; Eye; Antenna **91 279**

Nuclear receptor cofactor: TIF2; CREB-binding protein; *XMyoD*; *Xbra*; *Xenopus* **91 119**

Nuclear receptors: Enhancer; Gene expression; Steroid hormones; 20E **91 237**

Oct4: Alkaline phosphatase; Allantois; Cell migration; Filopodia; FM4-64; Germ-line; Green fluorescent protein; Hind-gut; Mouse/murine development; Primitive streak; Primordial germ cell; SSEA-1; Time-lapse confocal microscopy **91 61**

Odontoblast: Notch; Delta; Jagged; Lunatic fringe; Tooth; Dental; Incisor; Molar; Cell; Ameloblast; Development; Embryonic; Asymmetry; Rotation; Pattern; Polarity; Organogenesis; Morphology; Rodent; Mouse; Signalling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Boundary; Compartment **91 399**

Odontoblast: Notch; Delta; Jagged; Tooth; Dental; Incisor; Molar; Cell; Ameloblast; Development; Embryonic; Asymmetry; Pattern; Polarity;

Rotation; Organogenesis; Morphology; Rodent; Mouse; Signaling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Receptors **91 379**

Olfactory epithelium: *Iroquois* gene complex (IRO-C); Homeobox genes; *Mash1*; *achaete-scute* complex; Midbrain; Hindbrain; Spinal cord; Eye; Neural retina; Respiratory epithelium; Heart; Foregut; Brachial arch; Limb **91 317**

One-eyed pinhead: Ftz-F1; Zebrafish; Embryogenesis; Pancreas; Rostral diencephalon; Hypothalamus; *Danio rerio* **91 421**

Optic stalk: Astacin-proteases; BMP-1; Chick; Dermomyotome; Eye-lens; Dorso-ventral patterning; Embryo; Floor plate; Head fold; Hensen's node; Lateral plate mesoderm; Metalloendopeptidases; Myotome; Notochord; Neural crest; Neural plate; Neural tube; Premigratory neural crest; Primitive streak; Somite; Tolloid **91 415**

Optic tectum: *Otx2*; *Gbx2* **91 43**

Optic vesicle: *Msx1*; *Msx2*; *Mitf*; Class III β -tubulin; Retinal pigmented epithelium; Retina; Chick; Mouse; Eye development; Gene expression; Ectopic expression; Homeobox; Transcription factor; Cell culture; β -Galactosidase **91 175**

Organogenesis: Notch; Delta; Jagged; Lunatic fringe; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Rotation; Pattern; Polarity; Morphology; Rodent; Mouse; Signalling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Boundary; Compartment **91 399**

Organogenesis: Notch; Delta; Jagged; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Pattern; Polarity; Rotation; Morphology; Rodent; Mouse; Signaling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Receptors **91 379**

Organogenesis: *T-box*; *Tbx2*; *Tbx3*; *Tbx4*; *Tbx5*; *Xenopus*; Embryo; Neural crest; Notochord; Eye; Otic placode; Cement gland; Spinal cord; Limb **91 433**

Otic placode: *Sprouty2*; Chick; mRNA; Hindbrain; Midbrain; Isthmus; FGF; Antagonist; Ectoderm; Endoderm; Limb bud; Gut; Myotome; Forebrain; Branchial arch; Retina; Lens **91 361**

Otic placode: *T-box*; *Tbx2*; *Tbx3*; *Tbx4*; *Tbx5*; *Xenopus*; Embryo; Organogenesis; Neural crest; Notochord; Eye; Cement gland; Spinal cord; Limb **91 433**

Otic vesicle: *Xenopus laevis*; *par*; PAR-6; PDZ domain; Embryogenesis; Somite; Branchial arch; Pronephros **91 347**

Otx: Hemichordates; Vegetal plate; Ciliated band **91 337**

Otx2: *Gbx2*; Optic tectum **91 43**

Ovary: SRY; SOX9; DAX1; Sex determination; Human; Embryogenesis; Testis **91 403**

Pancreas: Ftz-F1; Zebrafish; Embryogenesis; Rostral diencephalon; Hypothalamus; One-eyed pinhead; *Danio rerio* **91 421**

par: *Xenopus laevis*; PAR-6; PDZ domain; Embryogenesis; Somite; Branchial arch; Otic vesicle; Pronephros **91 347**

PAR-6; *Xenopus laevis*; *par*; PDZ domain; Embryogenesis; Somite; Branchial arch; Otic vesicle; Pronephros **91** 347

Paraxial mesoderm; Glycogen synthase kinase 3; Serine/threonine kinase; Reverse-transcription polymerase chain reaction; Central nervous system; Spinal cord; Somites; Pronephric ducts; Adaxial cells; *MyoD*; Zebrafish **91** 387

PAS; bHLH; POU; Trachealess; Drifter; Tracheal development; *Drosophila* **91** 163

Pattern; Notch; Delta; Jagged; Lunatic fringe; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Rotation; Polarity; Organogenesis; Morphology; Rodent; Mouse; Signalling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Boundary; Compartment **91** 399

Pattern; Notch; Delta; Jagged; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Polarity; Rotation; Organogenesis; Morphology; Rodent; Mouse; Signaling molecules; Epithelium; Mesenchyme; Tissue interactions; Cell fate; In situ hybridization; Receptors **91** 379

PCD; DCoH; Ectopic pigmentation; *Xenopus* **91** 53

PDZ domain; *Xenopus laevis*; *par*; PAR-6; Embryogenesis; Somite; Branchial arch; Otic vesicle; Pronephros **91** 347

Pharyngeal endoderm; *Nkx*; *tinman*; Heart **91** 369

Pituitary; Activin; ActR-I; ALK-2; BMP; Branchial arches; Eye; Lens; Invagination; Mammary gland; Notochord; Serine/threonine kinase receptor **91** 439

Pituitary; Clawed toad; Cloning; Development; Diencephalon; Eye; Forebrain; Homology; Hypophysis; Retina; Sine oculis; Visual system **91** 327

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- Tissue interactions:** Notch; Delta; Jagged; Tooth; Dental; Incisor; Molar; Cell; Odontoblast; Ameloblast; Development; Embryonic; Asymmetry; Pattern; Polarity; Rotation; Organogenesis; Morphology; Rodent; Mouse; Signaling molecules; Epithelium; Mesenchyme; Cell fate; In situ hybridization; Receptors **91** 379
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